

ABSTRACT

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An object of the present invention is to offer a photoelectric converter such as an imaging apparatus which smoothly reads out charges without badly influencing the charge capacity and charge transfers of a charge transfer portion and other characteristics, and reduces power consumption by reducing a readout voltage.

A photoelectric converter such as an imaging apparatus having a readout gate portion patterned to make the width of a portion adjacent to a photodiode portion of a readout gate wider than that of a portion at a vertical CCD portion side.